SMP7PMCTX - Power Supply/Charger

Rev. DSSMP7PMCTX - 07132012

SMP7PMCTX

Overview

This supervised power supply/charger will convert a 115VAC / 60Hz input, into a regulated 12VDC or 24VDC output @ 6 amp continuous supply current.

Specifications

Input:

- Input 115VAC, 60Hz, 1.45 amp.

Output:

- 12VDC or 24VDC selectable output.
- 6 amp supply current.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 0.7 amp.
- Zero voltage drop when switching over to battery backup.

Supervision:

- AC fail supervision (form “C” contacts).

Supervision *(cont’d)*:

- Battery presence and low battery supervision (form “C” contacts).

Visual Indicators:

- AC input and DC output LED indicators.

Electrical:

- Operating temperature: 0º C to 49º C ambient.
- BTU/Hr.:
  - 12VDC: 23 BTU/Hr.
  - 24VDC: 43 BTU/Hr.
- System AC input VA requirement: 166.75VA.

Mechanical:

- Enclosure Dimensions (H x W x D approx.): 13.5” (342.9mm) x 13” (330.2mm) x 3.25” (82.55mm)
  - Accommodates up to two (2)12VDC/7AH batteries.
- Product weight (approx.): 7.9 lbs. (3.58 kg.).
- Shipping weight (approx.): 9.0 lbs. (4.08 kg.).

Enclosure Dimensions *(H x W x D) (approximate)*:

13.5” (342.9mm) x 13” (330.2mm) x 3.25” (82.55mm)